

ABSTRACT

DEBRIS COLLECTION SYSTEM FOR A PLANER

A planer comprising: a body; the body including a wall and the wall defining a recess; a cutting drum rotatably mounted within the recess, the cutting action of the drum creating debris and ejecting it from the recess; an airflow generator for producing an airflow; a conduit defined within the body for directing the airflow, the conduit connected to the recess for entraining and removing the debris ejected from the recess; a deflector connectable to the conduit for guiding the air flow and entrained debris from within the body to outside of the body, the deflector having an interior and exterior; and wherein the conduit directs the airflow from the airflow generator, over the exterior of the deflector, then downward to the vicinity of the recess where debris is entrained by the airflow, and then to the deflector before it is guided by the deflector to outside of the body.